

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2001224029 A

(43) Date of publication of application: 17.08.01

(51) Int. Cl.

H04N 7/32

H04N 7/30

(21) Application number: 2000029313

(22) Date of filing: 07.02.00

(71) Applicant: TOSHIBA CORP

(72) Inventor: NAKAMURA KAZUHIRO

(54) IMAGE COMPRESSION CODER

COPYRIGHT: (C)2001 JPO

(57) Abstract:

PROBLEM TO BE SOLVED: To provide an image compression coder that can obtain a compression coded image of a film source with high quality by optimizing a data quantity remaining in an input buffer memory of a decoder just before decoding an I picture in the case of coding in compliance with the MPEG-2 video standards after applying inverse telecine processing to a telecine image signal to eliminate repeating fields.

SOLUTION: An inverse telecine conversion circuit 101 gives information denoting the presence/absence of repeating fields to a type decision circuit 112. The type decision circuit 112 controls so that a B picture before an I picture is an image signal with repeating fields. Thus, a display time of the B picture is a time equivalent to 3 fields, data remaining in an input buffer memory at a decoder just before decoding the I picture are increased so as to increase a generated code quantity of a noted I picture.

